

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.  
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**Basic Information**

Maine [23]	Hancock County [009]	Blue Hill [05700]	.8 MI S JCT 172	44-22-28 = 44.374444	068-33-35 = - 68.559722				
5038	Highway agency district	4	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]			
Route	175	RTE 175 SA 3	Toll	On free road [3]	Features intersected	TIDAL BASIN			
Design - main	Concrete [1]	Design - approach		Kilometerpoint	502.1 km = 311.3 mi				
1	Arch - Thru [12]	0	Other [00]	Year built	1926	Year reconstructed	N/A [0000]		
				Skew angle	0	Structure Flared			
				Historical significance	Bridge is eligible for the NRHP. [2]				
Total length	34.7 m = 113.9 ft		Length of maximum span	30.5 m = 100.1 ft		Deck width, out-to-out	8.1 m = 26.6 ft	Bridge roadway width, curb-to-curb	6.2 m = 20.3 ft
Inventory Route, Total Horizontal Clearance	6.1 m = 20.0 ft		Curb or sidewalk width - left	0.1 m = 0.3 ft		Curb or sidewalk width - right	0.1 m = 0.3 ft		
Deck structure type	Concrete Cast-in-Place [1]								
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]								
Deck protection									
Type of membrane/wearing surface									

**Weight Limits**

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	24.5 metric ton = 27.0 tons
1.7 km = 1.1 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	39.2 metric ton = 43.1 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 18 / H 20 [4]

### Functional Details

Average Daily Traffic	1857	Average daily truck traffi	8	%	Year	2010	Future average daily traffic	2786	Year	2030
Road classification	Minor Collector (Rural) [08]		Lanes on structure	2		Approach roadway width	6.1 m = 20.0 ft			
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		Navigation control	Navigation control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	2.1 m = 6.9 ft			Navigation horizontal clearance	30.5 m = 100.1 ft					
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft				Minimum vertical clearance over bridge roadway	4.37 m = 14.3 ft				
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	99.9 = Unlimited					Minimum lateral underclearance on left	99.9 = Unlimited			
Minimum Vertical Underclearance	0 = N/A			Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]					
Appraisal ratings - underclearances	N/A [N]									

### Repair and Replacement Plans

Type of work to be performed	Work done by			Work to be done by contract [1]		
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	1368000	Roadway improvement cost	137000		
	Length of structure improvement	36.6 m = 120.1 ft		Total project cost	2052000	
	Year of improvement cost estimate	2004				
	Border bridge - state			Border bridge - percent responsibility of other state		
	Border bridge - structure number	n/a				

## Inspection and Sufficiency

Structure status	Open, no restriction [A]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Poor [4]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	39.4
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	September 2010 [0910]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	<input type="text"/>
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	<input type="text"/>
Other special inspection	Not needed [N]	Other special inspection date	<input type="text"/>